

**COPY****REPUBLIC CREOSOTING COMPANY****Mr. T. E. Courtney, Indpls.****St. Louis Park, Minn.****H. L. Dans****November 10, 1938****ST. LOUIS PARK DRAINAGE -**

US EPA RECORDS CENTER REGION 5



514880

We are sending you by expross 8 - 1 quart samples of drainage ditch water taken from the weir, also a 1 quart sample of our well water. The samples are all labeled showing the date and time of day, also the rate of flow at the weir at the time the sample was taken. You will note the samples were obtained at 2 hour intervals during the day. One series of 4 samples was taken November 7th, and the other series of 4 samples was taken November 9th.

With the exception of the sample taken at 9:00 A.M. on the 7th, the rate of flow will average very close to 50 gallons per minute. This rate seems high, as it amounts to about 3000 gallons per hour.

*EV*  
*Improvement*  
*Discharge?*  
During the time the samples were taken the only material entering the ditch from the refinery was about 1600 gallons of water from the Benzol tank. There was no material discharged to the drainage ditch from the By-Products. The creosoting plant, however, are discharging considerable water to the ditch, which accumulates from bleeder lines when no zinc chloride treatment is being done. Some of this flow is no doubt soil water, as a close check on the amount discharged from the plant on these particular days as compared with the average rate of flow over an eight hour period clearly indicates.

Probably you would want another set of samples taken when the By-Products is in operation and discharging sulphate water to the ditch. If so, please advise.

Yours very truly,

HLD:lk

cc Mr. C. B. Edwards

cc Mr. T. E. Larkin Indpls.

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